



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Wednesday, February 6, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Slight risk of severe storms over E OK, N AR, and N TX; damaging winds are the main threat, with a few tornadoes possible tonight.
- Heavy rain / isolated flash flooding is possible over AR, E OK and NE TX
- Heavy snow expected in the higher elevations of N & W NM; travel impacts likely. Freezing drizzle also expected across N and W OK this morning.
- Elevated to critical fire weather conditions over the Panhandles into E NM & W OK.

Thursday

- Strong to severe storms possible Thursday morning from NE TX through N AR; damaging winds are the main threat.
- Isolated heavy rain will remain possible over portions of AR through Thursday afternoon.
- Elevated fire weather conditions for W TX into the Permian Basin.

Friday - Sunday

- No significant weather impacts expected.

River Flooding

- Minor river flooding with minimal impacts continues across E TX into LA/AR. Additional rises across AR are possible this week.
- Releases from the Sam Rayburn Dam and Reservoir Spillway is continuing down the Angelina River in SE TX. Low lying areas will be flooded by these authorized spillway releases with additional increases likely this week.

FEMA Region 6 Threat Matrix

Feb 6, 2019 – Feb 10, 2019



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	E OK, N AR, N TX	NETX, AR			
	N-Cntrl TX, AR				
Heavy Rain / Flash Flooding	N AR	AR			
	AR, E OK, N TX				
Winter Weather	N & W NM, N & W OK				
Fire Weather	E NM, W OK TX/OK Panhandles				
River Flooding	ETX, LA, E AR	ETX, LA, E AR	ETX, LA, E AR	ETX, LA, E AR	ETX, LA, E AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

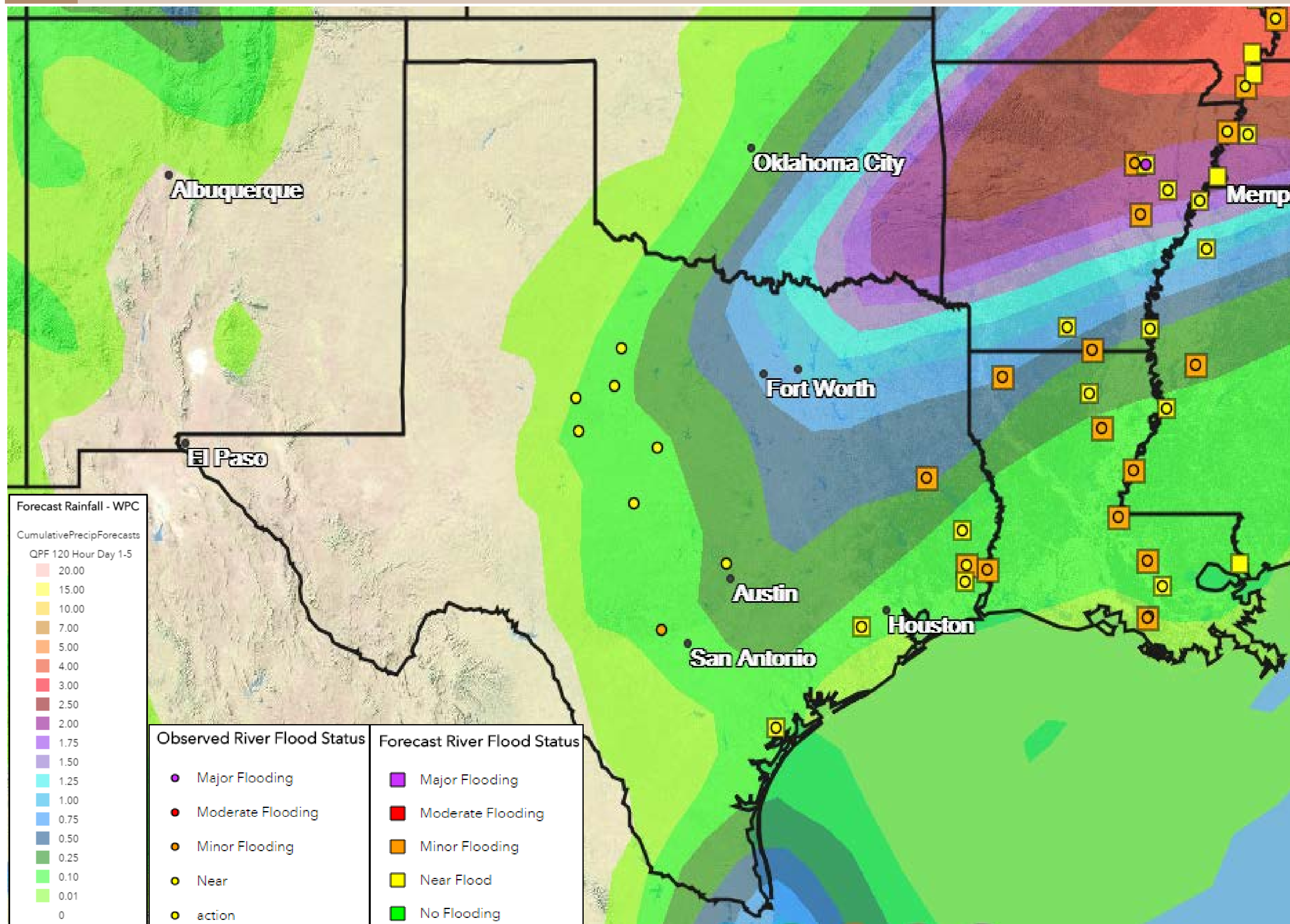
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Minor river flooding with minimal impacts continues across E TX, LA & E AR. Additional rises are possible across AR this week.

Releases from the Sam Rayburn Dam and Reservoir Spillway is continuing down the Angelina River in SE TX. Low lying areas will be flooded by these authorized spillway releases with additional increases likely this week.

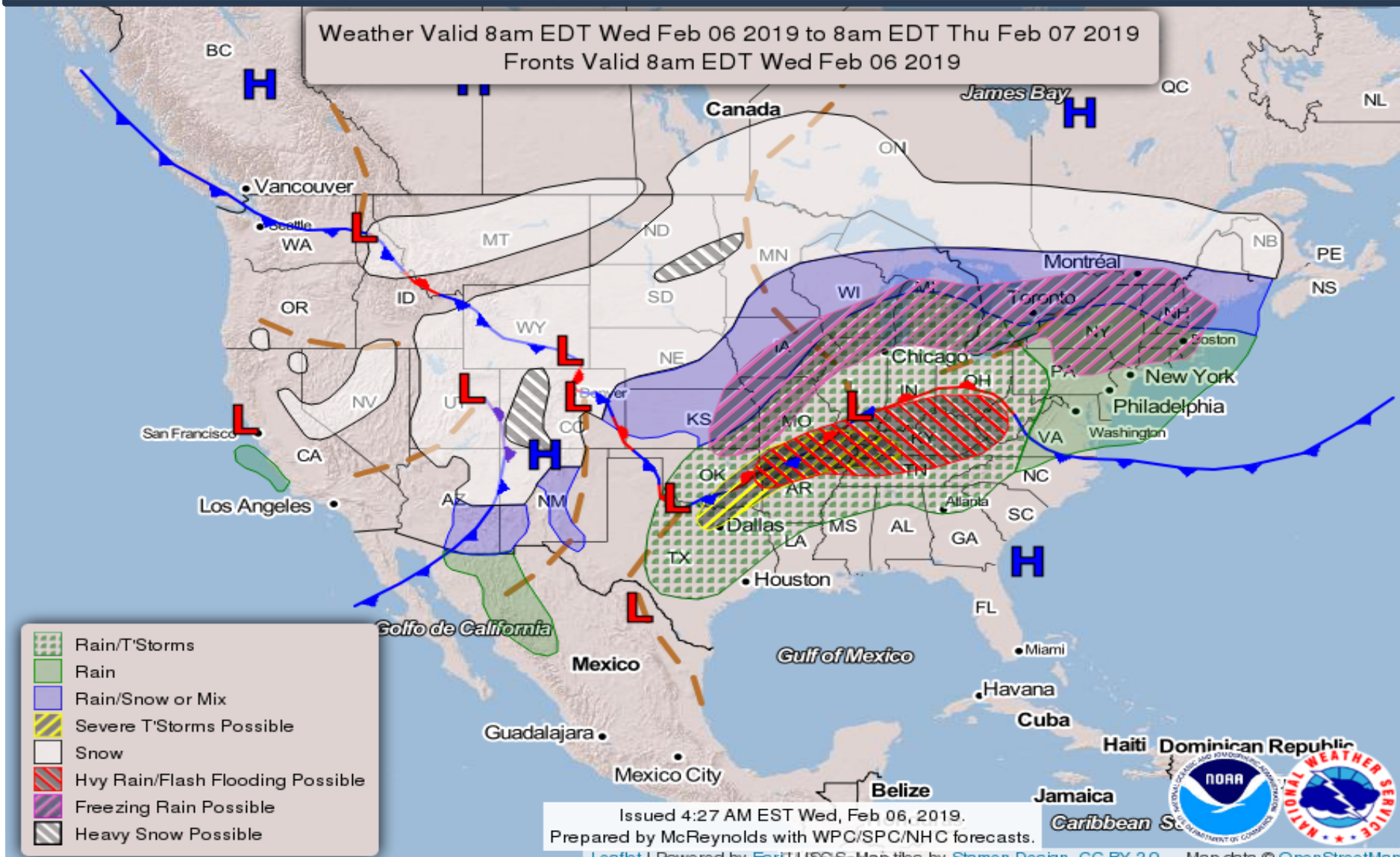
Today's Weather



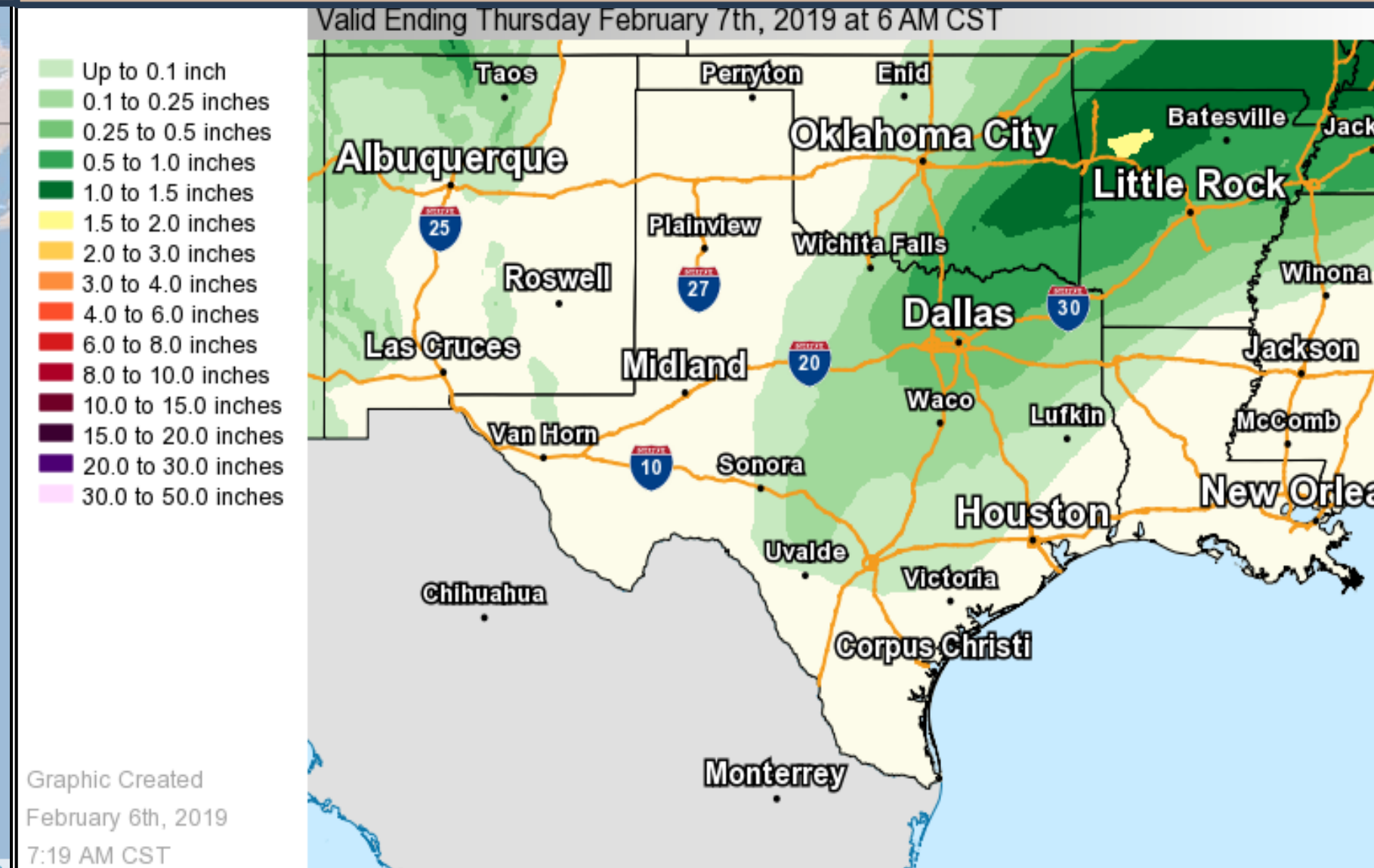
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Forecast Chart



Forecast Rainfall



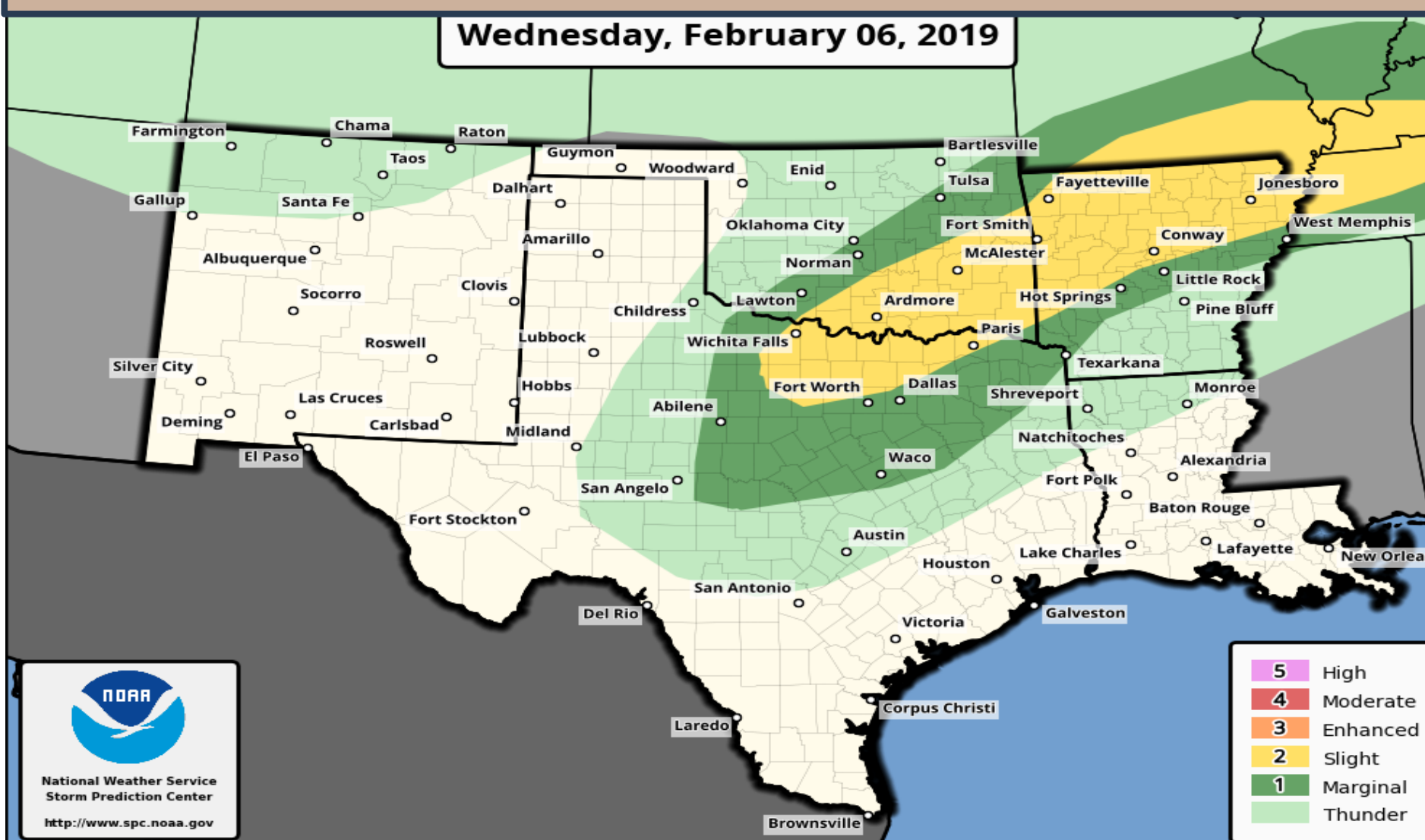
**Slight risk of severe storms
over E OK, N AR, & N TX;
damaging winds are the main
threat, with a few tornadoes
possible.**

Heavy rain / isolated flash flooding is possible over N AR.

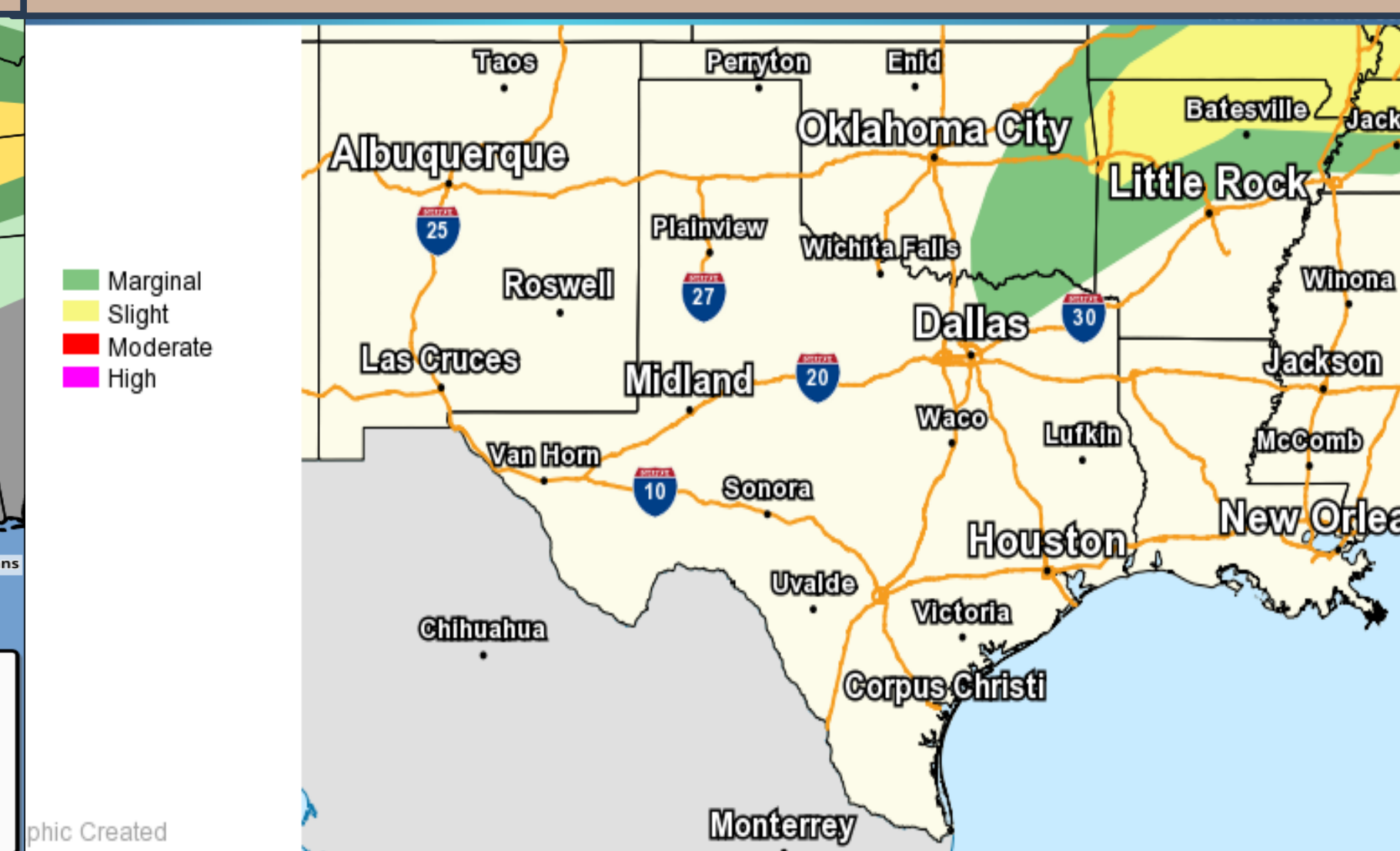
Heavy rainfall/isolated flash flooding and a few strong to severe thunderstorms possible over the rest of AR and N Central TX.

Heavy snow is expected in the higher elevations of N & W NM; travel impacts likely. Freezing drizzle also this morning across N & W OK.

Severe Weather Outlook



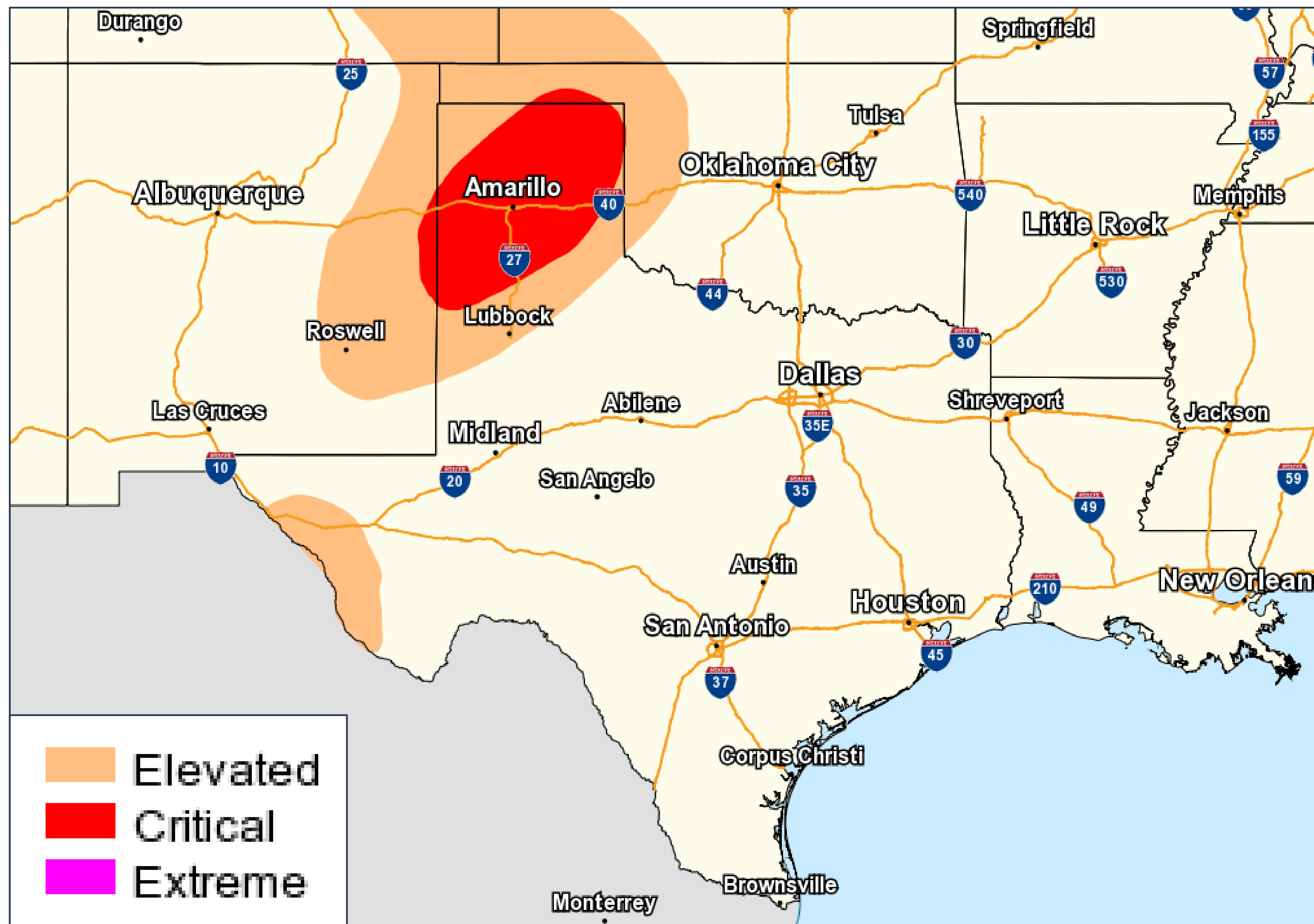
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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Elevated to critical fire weather conditions expected over E NM into the Panhandles and W OK. Elevated fire weather conditions also expected across Far W TX.

Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



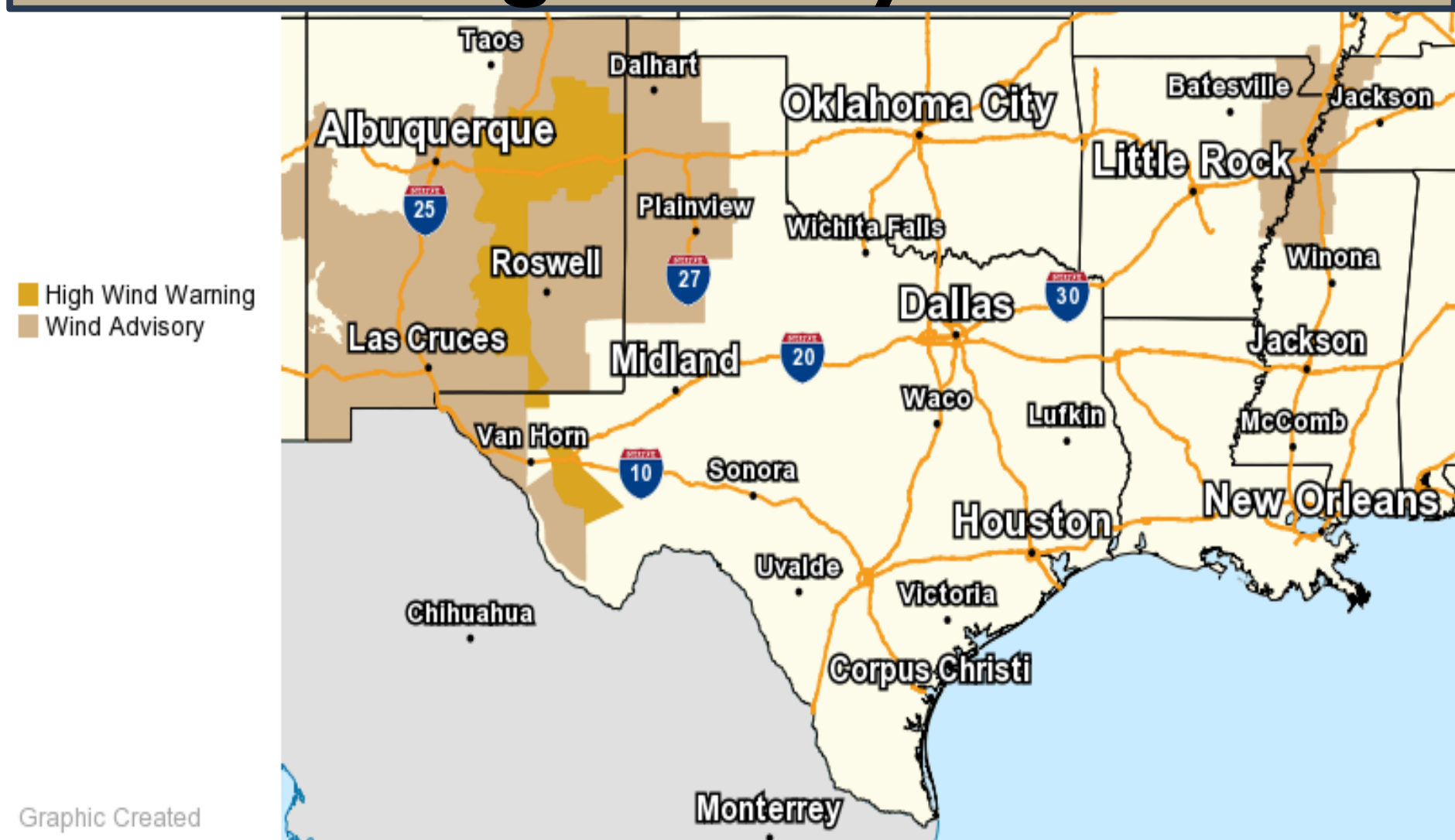
Graphic Created

**Red Flag Warning for TX
Panhandle.**

**Gusty winds are expected
over much of NM and W TX
today.**

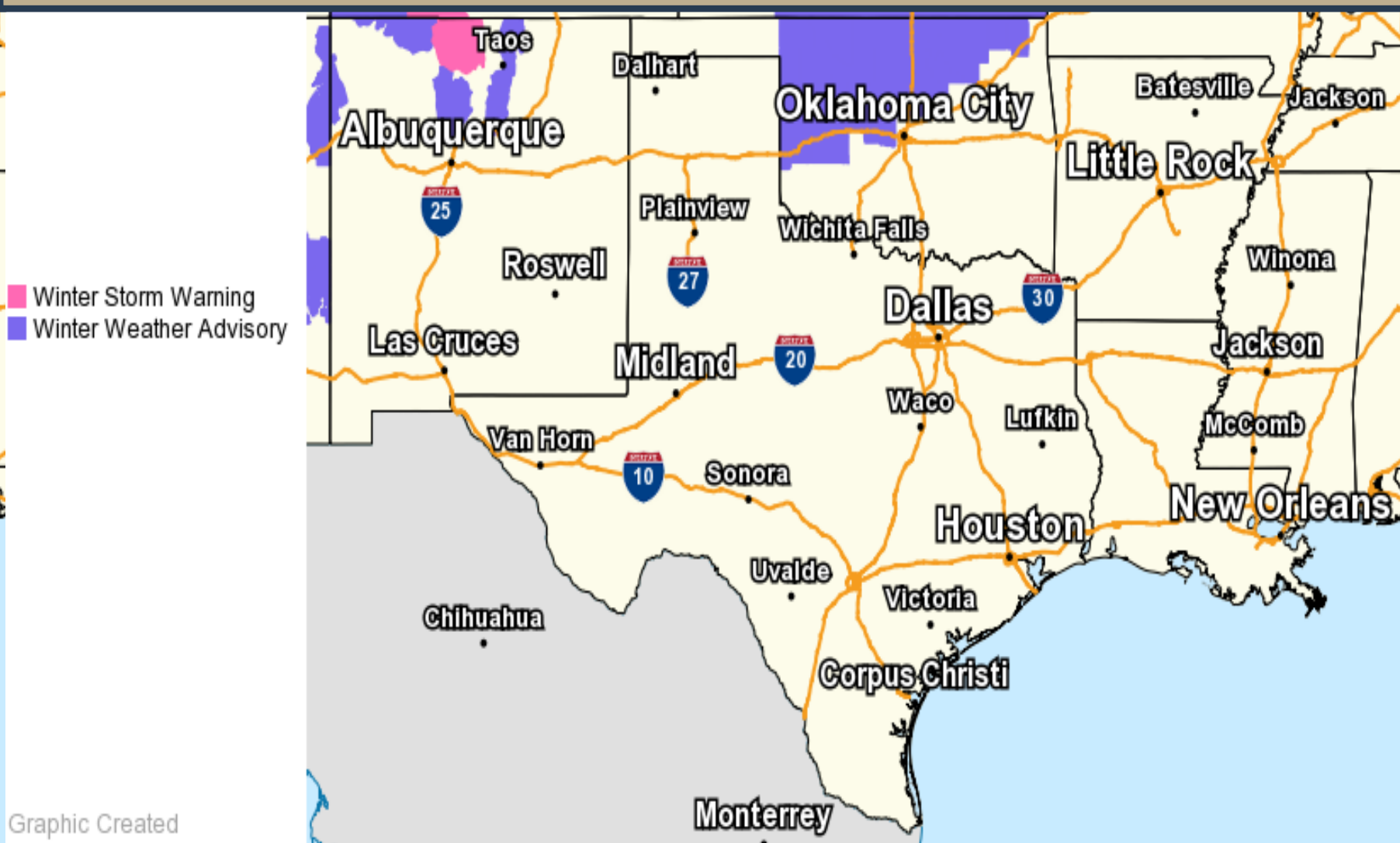
**Winter Weather Advisories
and Winter Storm Warnings
are in effect for N NM due to
snow expected in the higher
elevations. Winter Weather
Advisory this morning for
freezing drizzle cross portions
of OK.**

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather



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Forecast Chart

Forecast Rainfall

Ongoing storms expected Thursday morning from NE TX through AR; a few storms may contain damaging winds.

Isolated heavy rain will remain possible over portions of AR through Thursday afternoon.

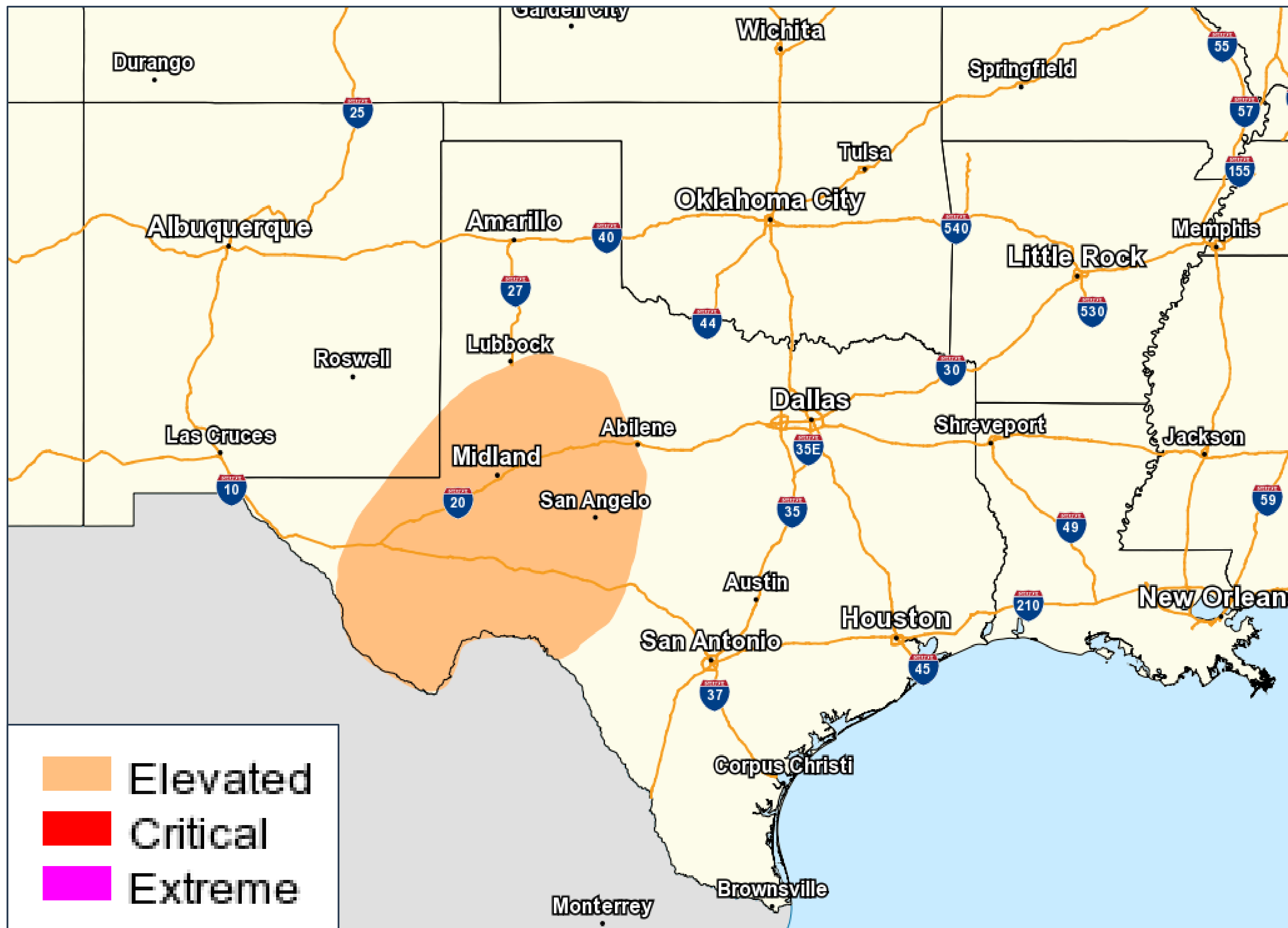
Severe Weather Outlook

Excessive Rainfall Outlook

Tomorrow's Fire Weather Outlook



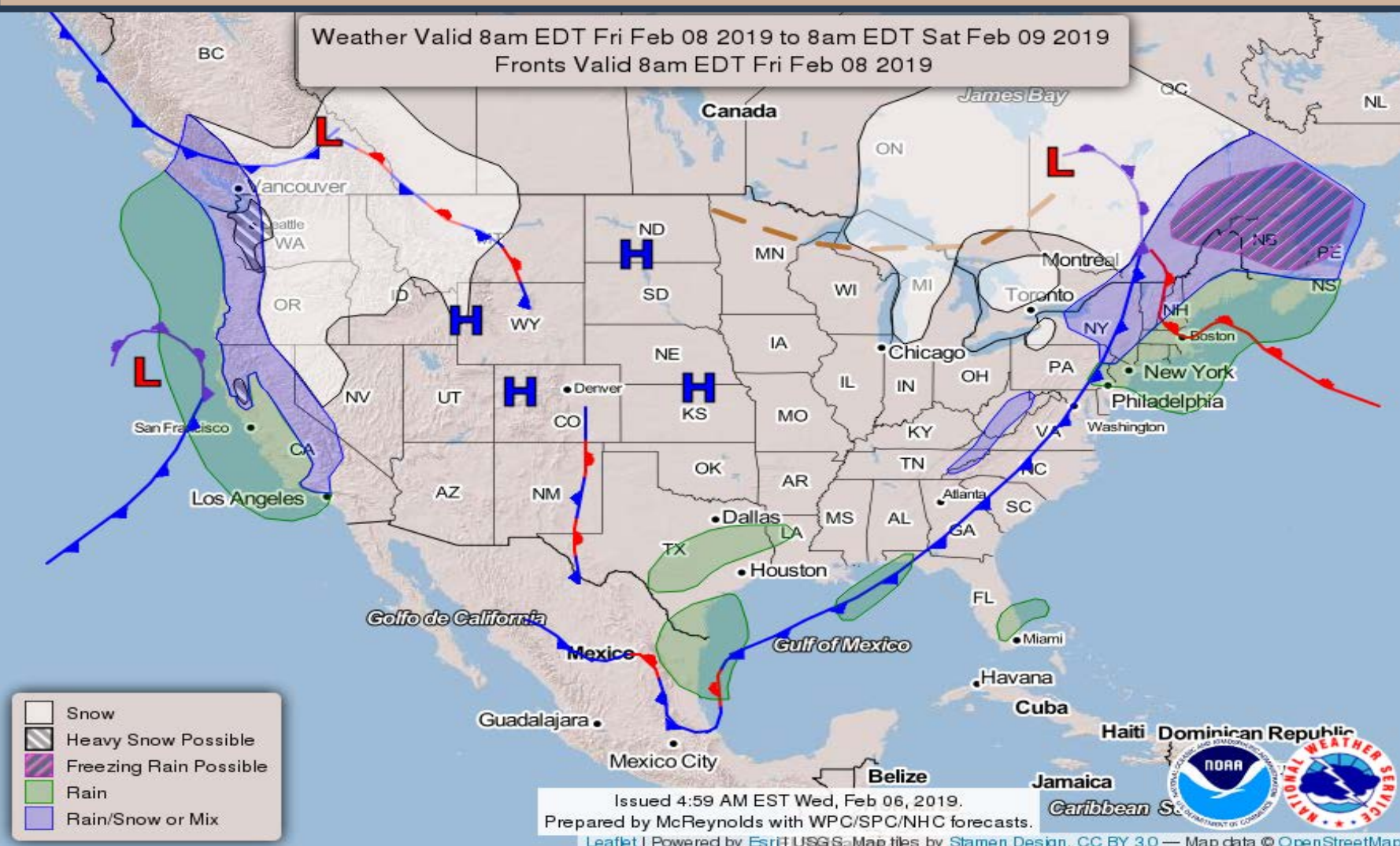
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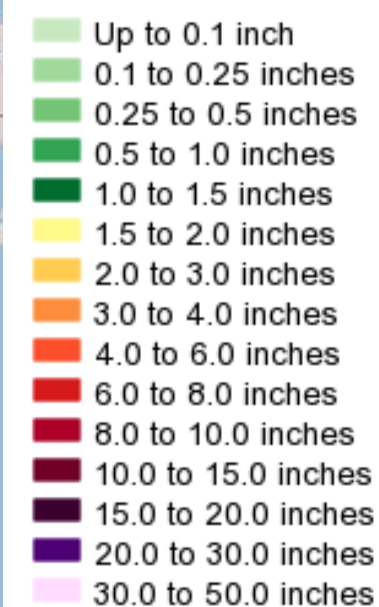
Elevated fire weather conditions expected for WTX into the Permian Basin.

Friday's Weather

Forecast Chart



Forecast Rainfall

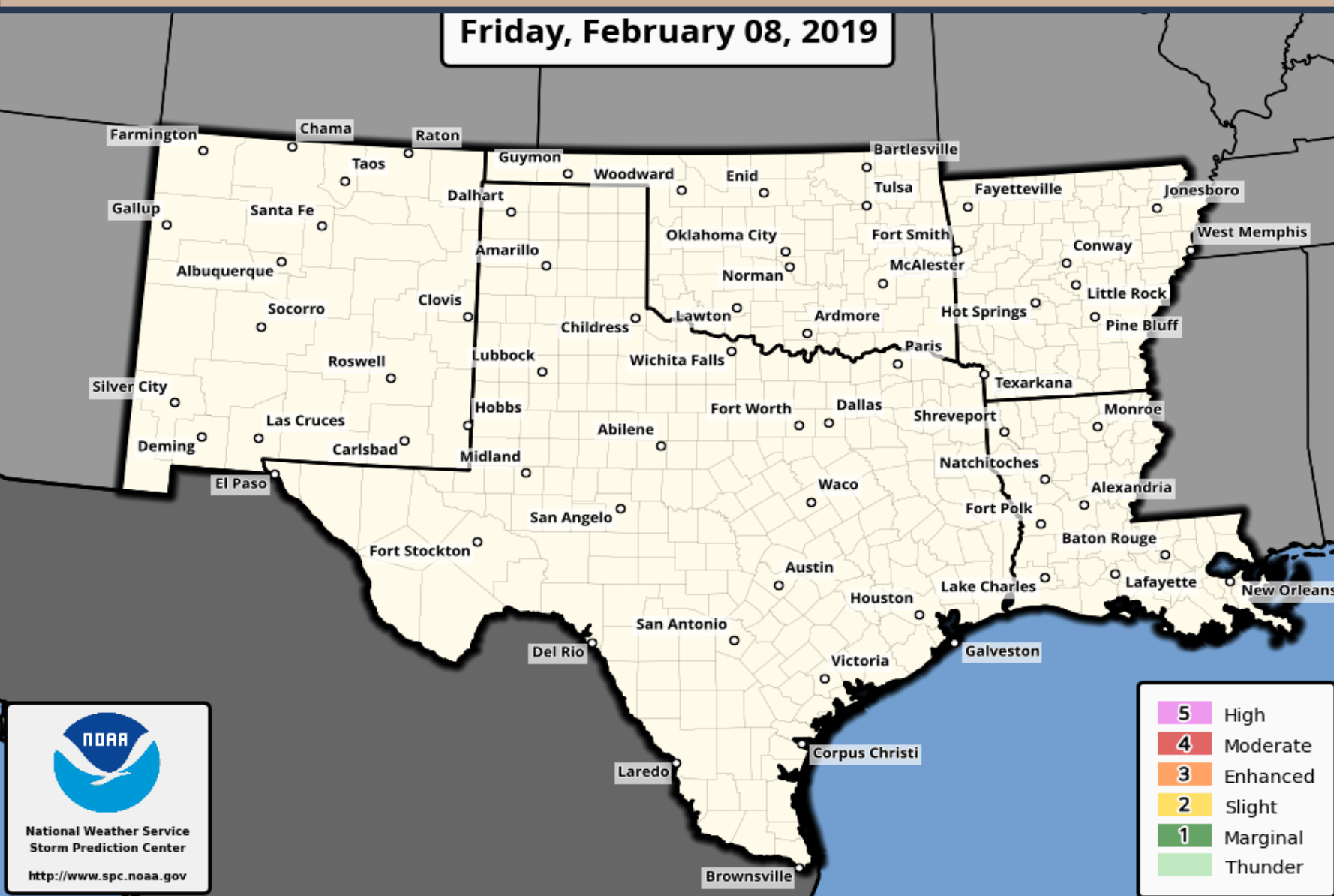


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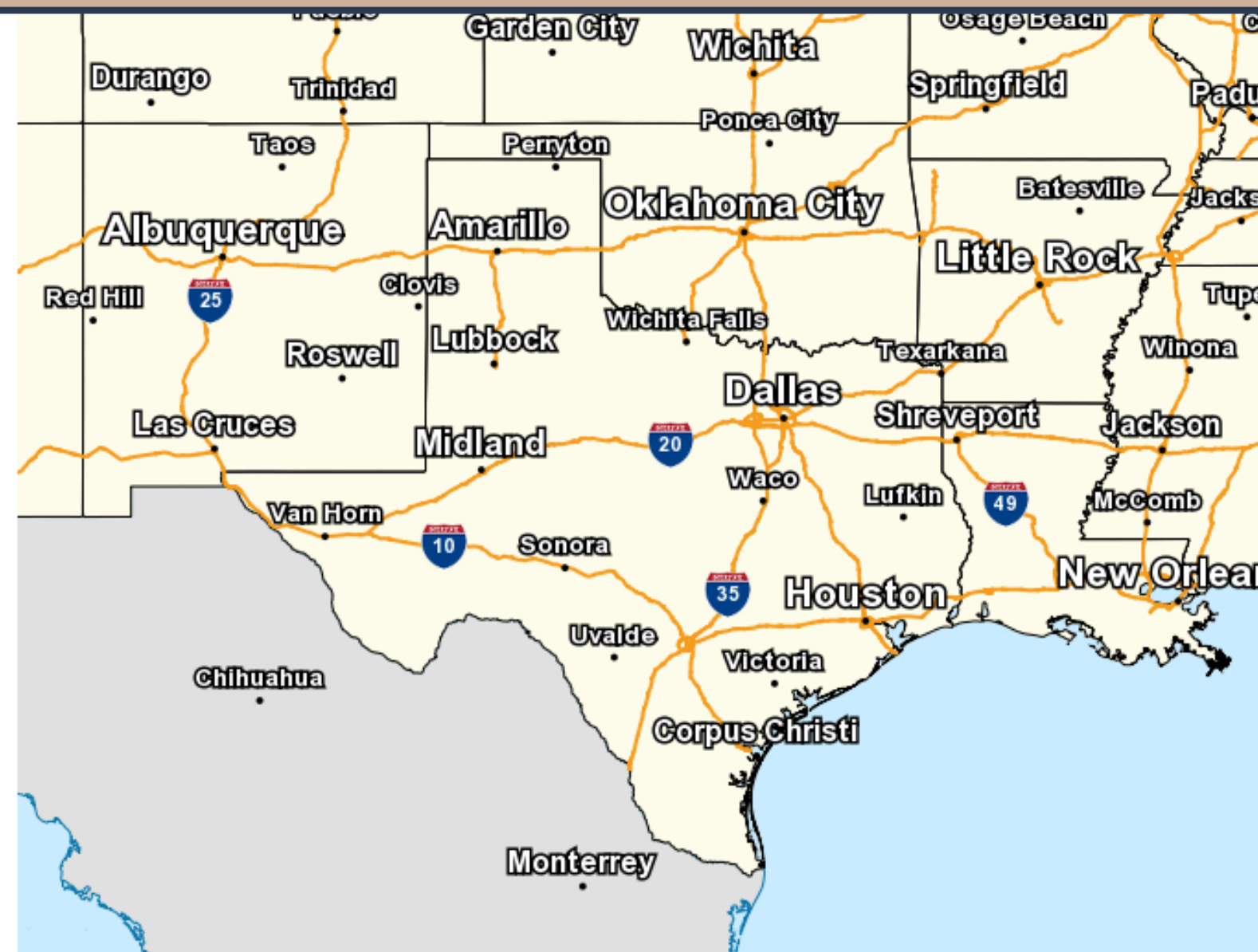
No significant weather expected.

Severe Weather Outlook

Friday, February 08, 2019



Excessive Rainfall Outlook

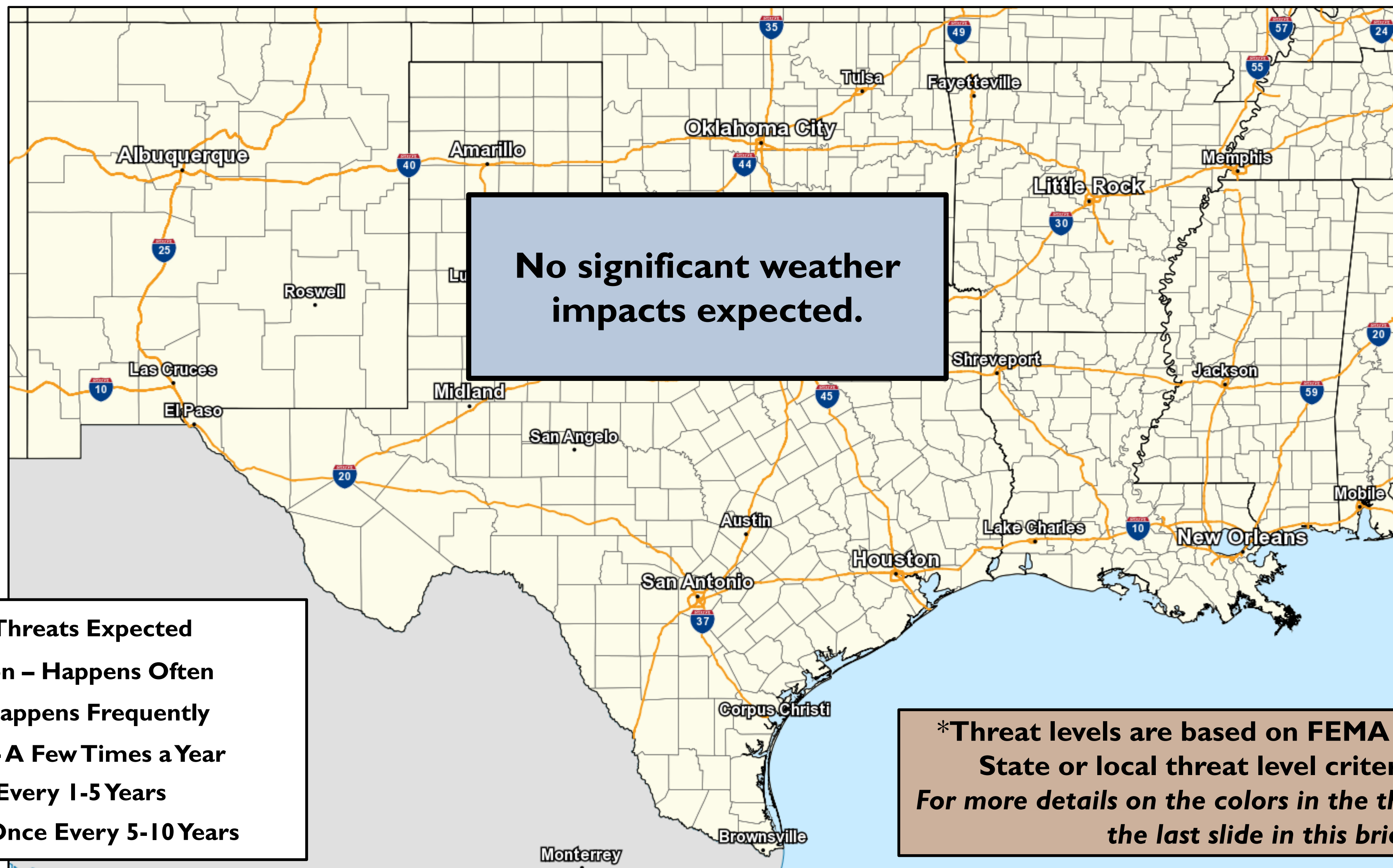


Days 4-5 Weather Hazards

Saturday - Sunday



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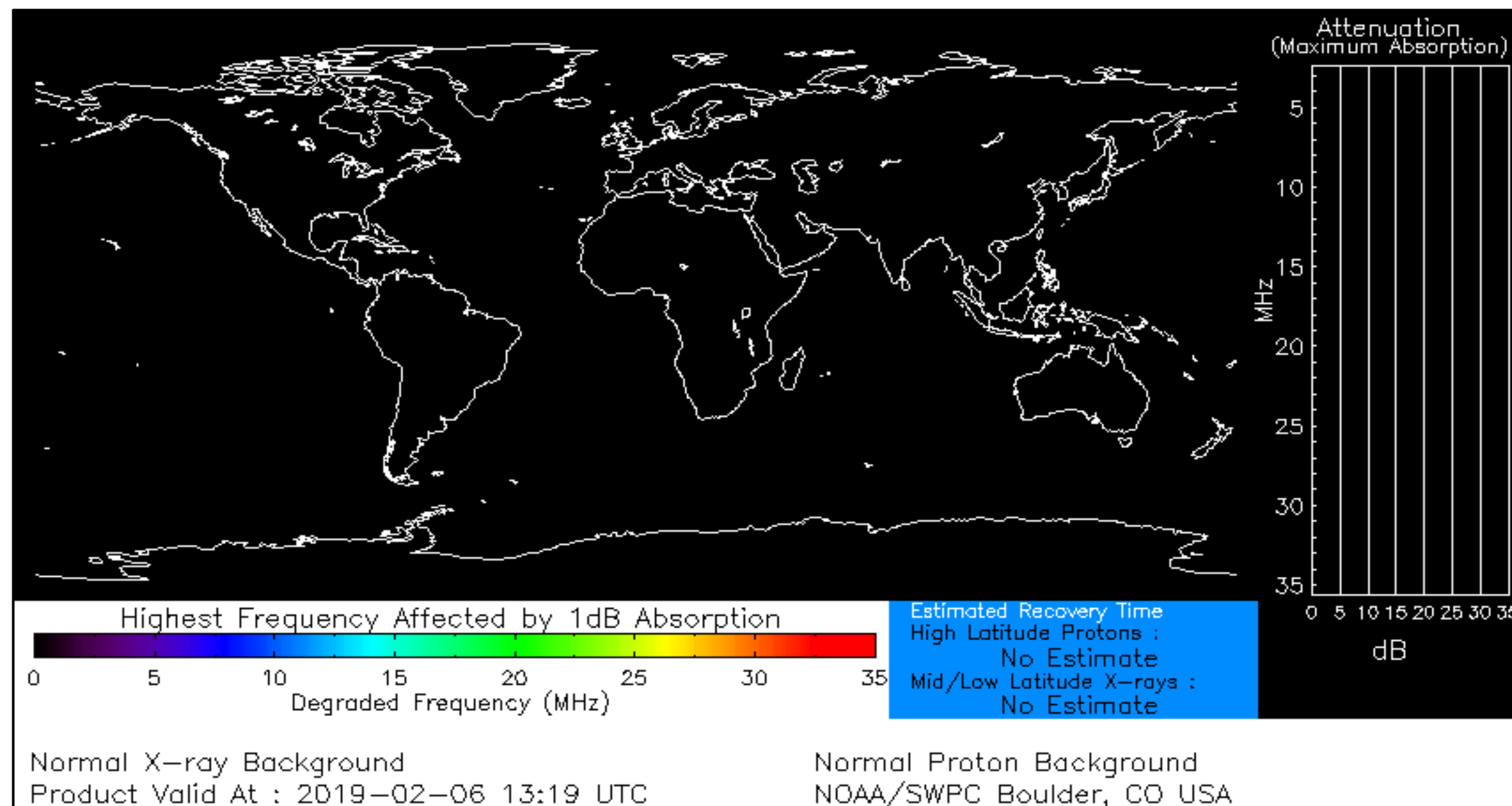


Space Weather 3-Day Forecast



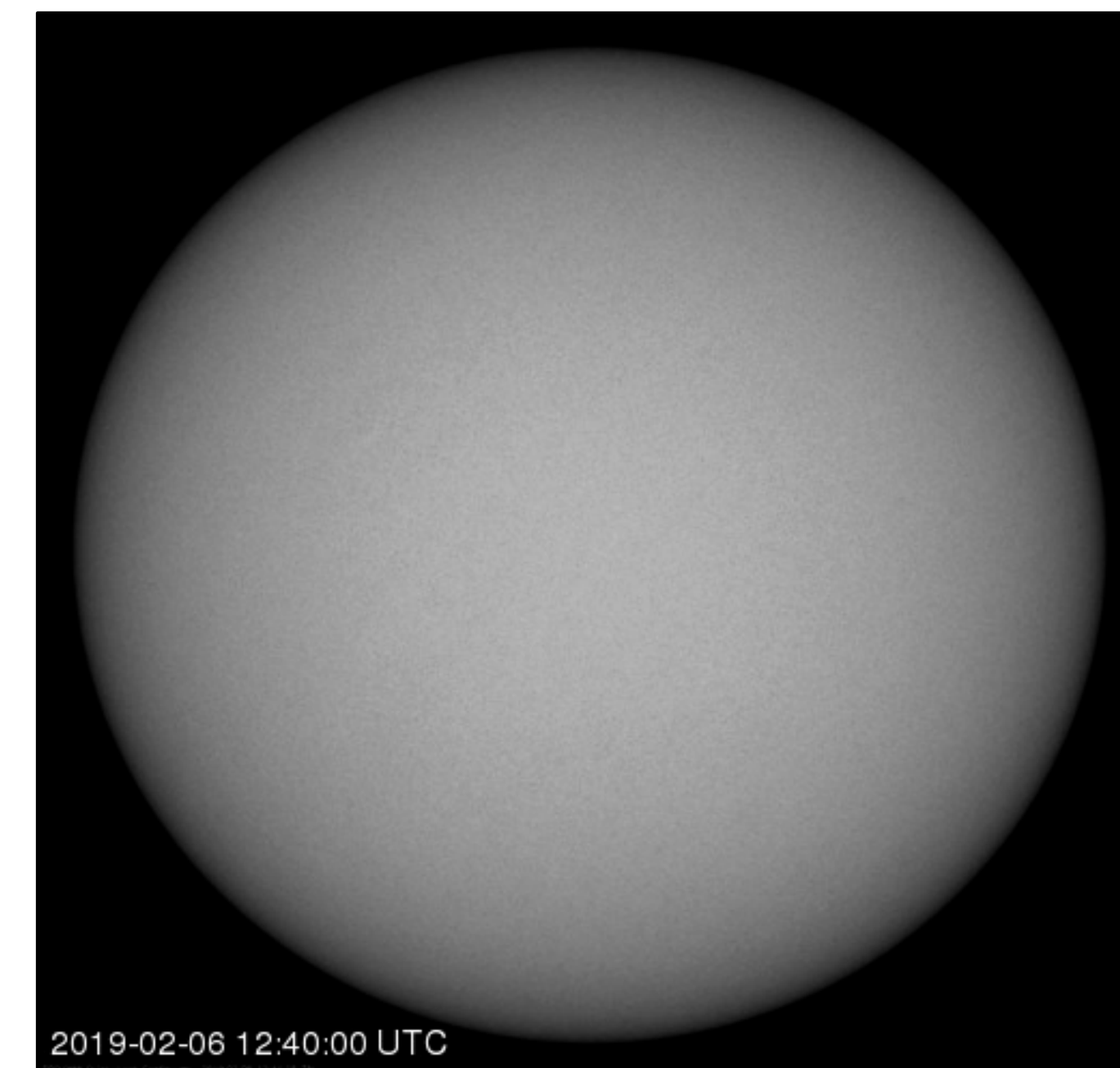
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov